

IN THE CLAIMS:

Please cancel claims 1-34 and add new claims 35-42 as follows:

Claims 1-34 (Canceled)

35. (New) An image pickup apparatus mounted to a medical observation device having an optical system for observing a living body comprising:

a television camera having an image pickup element for picking up an image of a portion to be observed by the medical observation device built therein;

a wireless transmitter, provided in an image information signal transmission path in the television camera, for transmitting an image information signal by wireless;

an information display portion provided in the endoscope to display frequency information of a transmission frequency of the wireless transmitter;

an information reading device for reading the frequency information of the information display portion;

a wireless receiver for receiving the image information signal transmitted from the wireless transmitter;

a reception frequency setting unit for tuning a reception frequency of the wireless receiver to the transmission frequency of the image information signal transmitted from the wireless transmitter by the frequency information read by the information reading device; and

an image display device for processing the image information signal received by the wireless receiver to display an image.

36. (New) An image pickup apparatus according to claim 35, wherein the medical observation device to which the television camera is mounted is an optical endoscope.

37. (New) An image pickup apparatus according to claim 35, wherein the medical observation device to which the television camera is mounted is a microscope for operation.

38. (New) An endoscope apparatus comprising:

- an optical endoscope having an insertion unit inserted into a body cavity;
- a television camera having an image pickup device for picking up an image of a portion to be observed by the optical endoscope built therein and mounted to the optical endoscope;
- a wireless transmitter, provided in an image information signal transmission path in the television camera, for transmitting an image information signal by wireless;
- an information display portion provided in the endoscope to display frequency information of a transmission frequency of the wireless transmitter;
- an information reading device for reading the frequency information of the information display portion;
- a wireless receiver for receiving the image information signal transmitted from the wireless transmitter;
- a reception frequency setting unit for tuning a reception frequency of the wireless receiver to the transmission frequency of the image information signal transmitted from the wireless transmitter by the frequency information read by the information reading device; and

an image display device for processing the image information signal received by the wireless receiver to display an image.

39. (New) An endoscope apparatus comprising:

a first endoscope having a first insertion unit inserted into a body cavity and a first image pickup element for picking up an image of a portion to be observed;

an optical endoscope having a second insertion unit inserted into the body cavity;

a television camera having a second image pickup element for picking up an image of a portion to be observed by the optical endoscope built therein and mounted to the optical endoscope;

a second endoscope having the optical endoscope having the second insertion unit inserted into the body cavity and the television camera having the second image pickup element for picking up an image of a portion to be observed built therein and mounted to the optical endoscope;

first and second wireless transmitters, provided in the first endoscope and the television camera respectively for transmitting image information of images picked up by the first endoscope and the television camera respectively, for transmitting image information signals corresponding to the image information by wireless respectively at different transmission frequencies;

first and second information display portions, provided in the first endoscope and the television camera respectively, to display frequency information of transmission frequencies of the first and second wireless transmitters;

an information reading device capable of reading the frequency information of the first and second information display portions;

a wireless receiver capable of receiving the image information signals transmitted from the first and second wireless transmitters respectively;

a reception frequency setting unit for tuning a reception frequency of the wireless receiver to the transmission frequency of each of the image information signals transmitted from the first and second wireless transmitters by the frequency information read by the information reading device; and

an image display device for processing the first and second image information signals received by the wireless receiver to display an image.

40. (New) A medical system comprising:

a medical observation device having an optical system for observing a living body;

a television camera having an image pickup device for picking up an image of a portion to be observed by the medical observation device built therein and mounted to the medical observation device;

a wireless transmitter, provided in an image information signal transmission path in the television camera, for transmitting an image information signal by wireless;

an information display portion provided in the endoscope to display frequency information of a transmission frequency of the wireless transmitter;

an information reading device for reading the frequency information of the information display portion;

a wireless receiver for receiving the image information signal transmitted from the wireless transmitter;

a reception frequency setting unit for tuning a reception frequency of the wireless receiver to the transmission frequency of the image information signal transmitted from the wireless transmitter by the frequency information read by the information reading device; and

an image display device for processing the image information signal received by the wireless receiver to display an image.

41. (New) A medical system according to claim 40, wherein the medical observation device to which the television camera is mounted is an optical endoscope.

42. (New) A medical system according to claim 40, wherein the medical observation device to which the television camera is mounted is a microscope for operation.